



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/609,044	06/27/2003	Weimar Ohlsson	Strom.7220	8401
7590 04/07/2004 SAMUELS, GAUTHIER & STEVENS LLP 225 Franklin Street Boston, MA 02110			EXAMINER BOCHNA, DAVID	
			ART UNIT 3679	PAPER NUMBER

DATE MAILED: 04/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/609,044

Applicant(s)

OHLSSON, WEIMAR

Examiner

David E. Bochna

Art Unit

3679

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-10 is/are rejected.
- 7) ☒ Claim(s) 2, 11 and 12 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

The phrase "The present invention relates to" should be removed from the abstract.

Claim Objections

2. Claims 5-10 are objected to because of the following informalities:

Claim 5 recites the limitation "The lugs shafts" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "said stop lugs" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Claim 7 recites the limitation "The lug units" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim 7 recites the limitation "the stop lugs" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim 8 recites the limitation "the recess of the mounting stop on its side having a diameter being smaller than the..." in lines 1-2. There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation "the lug units of the stop lugs" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim 10 recites the limitation "the lug units of the stop lugs" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1 and 3 are rejected under 35 U.S.C. 102(b) as being anticipated by Lemelshtrich.

In regard to claim 1, Lemelshtrich discloses a mounting stop at axially displaceable male-female couplings to prevent involuntary release of the coupling, comprising a recess 30b arranged to be placed in a first position (fig. 4a) around a shaft and to be displaceable radially sidewise above the shaft to a second position (fig. 4b), and at least one stop lug 32 arranged, in the first position to be applied into a groove (space behind 40) and thereby to prevent an axial displacement of the male-female coupling parts towards each other, whereby the mounting stop further is arranged to return to its first position in an automatic way.

In regard to claim 3, the mounting stop is provided with two stop lugs 32 arranged to the latch 34 via a lug shaft 30.

5. Claims 1, 4, 6-7 and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Voss.

In regard to claim 1, Voss discloses a mounting stop at axially displaceable male-

female couplings to prevent involuntary release of the coupling, comprising a recess arranged to be placed in a first position around a shaft and to be displaceable radially sidewise above the shaft to a second position, and at least one stop lug 3 arranged, in the first position to be applied into a groove and thereby to prevent an axial displacement of the male-female coupling parts towards each other, whereby the mounting stop further is arranged to return to its first position in an automatic way.

In regard to claim 4, the mounting stop is provided with a slot 18.

In regard to claim 6, the slot 18 is arranged on the side of the mounting stop facing the stop lug 3.

In regard to claim 7, the lug unit of the stop lug 3 is arch shaped to the groove corresponding to the radius/periphery of the groove.

In regard to claim 10, the lug units of the stop lugs are provided with a radius on its side surface facing a groove 18.

6. Claims 1, 3-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Corbett et al.

In regard to claim 1, Corbett et al. discloses a mounting stop 1 at axially displaceable male-female couplings to prevent involuntary release of the coupling, comprising a recess 38 arranged to be placed in a first position around a shaft and to be displaceable radially sidewise above the shaft (see fig. 9) to a second position, and at least one stop lug 35 arranged, in the first position to be applied into a groove and thereby to prevent an axial displacement of the male-female coupling parts towards each other, whereby the mounting stop further is arranged to return to its first position in an automatic way.

Art Unit: 3679

In regard to claim 3, the mounting stop is provided with two stop lugs 35 arranged to the latch via a lug shaft 3.

In regard to claim 4, the mounting stop 1 is provided with a slot 11.

In regard to claim 5, the slot 11 is arranged between the lugs shafts 3 of two stop lugs 35.

In regard to claim 6, the slot 11 is arranged on the side of the mounting stop facing the stop lugs 35.

In regard to claim 7, the lug units 37 of the stop lugs 35 are arch shaped to the groove corresponding to the radius/periphery of the groove.

In regard to claim 8, the recess 38 of the mounting stop on a side having a diameter 6 being smaller than the diameter 53 of the shaft part 55 over which it is intended to pass over is provided with a radially extending projection 15.

In regard to claim 9, the lug units 37 of the stop lugs 35 are provided with a chamfering 20 on its side surface facing a groove.

In regard to claim 10, the lug units 37 of the stop lugs 35 are provided with a radius 37 on its side surface facing a groove.

Allowable Subject Matter

7. Claims 2 and 11-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

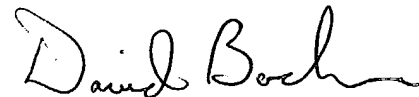
Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Dyson et al., DeCler et al., Hester et al., Musellec, Kalahasthy et al., Gras et al., Washizu, liebhardt, Liebhardt '428 and Martin all disclose similar couplings common in the art.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David E. Bochna whose telephone number is (703) 306-9040. The examiner can normally be reached on 8-5:30 Monday-Thursday and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H. Browne can be reached on (703) 308-1159. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-2168.



David Bochna
Primary Examiner
Art Unit 3679
April 1, 2004